

Global Image Sensors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GED46A4A4566EN.html>

Date: June 2025

Pages: 110

Price: US\$ 3,480.00 (Single User License)

ID: GED46A4A4566EN

Abstracts

According to our (Global Info Research) latest study, the global Image Sensors market size was valued at US\$ 16460 million in 2024 and is forecast to a readjusted size of USD 22750 million by 2031 with a CAGR of 4.8% during review period.

An image sensor or imaging sensor is a sensor that detects and conveys the information that constitutes an image. It does so by converting the variable attenuation of light waves (as they pass through or reflect off objects) into signals, small bursts of current that convey the information. The waves can be light or other electromagnetic radiation. Image sensors are used in electronic imaging devices of both analog and digital types, which include digital cameras, camera modules, medical imaging equipment, night vision equipment such as thermal imaging devices, radar, sonar, and others. As technology changes, digital imaging tends to replace analog imaging.

Some of the key players in the global image sensors industry are Sony Semiconductors, Samsung Semiconductor, OmniVision and ON Semiconductor, with about 70% market shares.

This report is a detailed and comprehensive analysis for global Image Sensors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Image Sensors market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global Image Sensors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global Image Sensors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global Image Sensors market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (USD/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Image Sensors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Image Sensors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sony Semiconductors, Samsung Semiconductor, OmniVision, ON Semiconductor, Canon, Panasonic, SK Hynix, STMicroelectronics, Teledyne Technologies, Hamamatsu, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Image Sensors market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for

consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

CMOS Image Sensor

CCD Image Sensor

Other

Market segment by Application

Consumer Electronics

Medical Electronics

Avionics

Industry

Others

Major players covered

Sony Semiconductors

Samsung Semiconductor

OmniVision

ON Semiconductor

Canon

Panasonic

SK Hynix

STMicroelectronics

Teledyne Technologies

Hamamatsu

Infineon Technologies

CMOSIS

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Image Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Image Sensors, with price, sales quantity, revenue, and global market share of Image Sensors from 2020 to 2025.

Chapter 3, the Image Sensors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Image Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Image Sensors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Image Sensors.

Chapter 14 and 15, to describe Image Sensors sales channel, distributors, customers, research findings and conclusion.

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